

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018720**Date Inspected:** 15-Dec-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI transported and delivered the previously selected check samples of shipments #4 and #5 Geomet coated fastener assemblies to TransLab. The QAI met with Caltrans TransLab representative Aaron and delivered the materials and associated documents. The QAI was informed that the testing results will be available when the samples have been tested.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI completed the formal review of the contractor's submittal #1536 Rev. 37. See the appropriate TL-20 report for additional information. The QAI continued reviewing the remaining submittal package #38 and consolidating the information from welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

**Summary of Conversations:**

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI relayed the status of submittal and document reviews to the QAI Lead Bill Levell. The QAI was informed that ABF welder Richard Garcia, ID 5892, has been informally approved to weld using shielded metal arc welding in all positions on non-fracture critical materials. The QAI was informed that the formal approval will be issued when the welder's certifications are submitted in the next WQCP addenda. Except as described above, there were no other notable conversations.

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## WELDING INSPECTION REPORT

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### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510)385-5910, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Croff,Scott	Quality Assurance Inspector
<b>Reviewed By:</b>	Levell,Bill	QA Reviewer

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